

Listing of Claims

This listing of claims will replace all prior versions and listings of claims.

1-19. (Canceled)

~~20~~¹. (Previously Presented) An isolated nucleic acid molecule comprising a polynucleotide selected from the group consisting of:

- (a) a polynucleotide encoding amino acids -17 to 339 of SEQ ID NO:2;
- (b) a polynucleotide encoding amino acids -16 to 339 of SEQ ID NO:2;
- (c) a polynucleotide encoding amino acids 1 to 339 of SEQ ID NO:2;
- (d) a polynucleotide encoding the IL-1R AcM polypeptide having the complete amino acid sequence encoded by the cDNA clone contained in ATCC Deposit No. 97666;
- (e) a polynucleotide encoding the mature IL-1R AcM polypeptide having the amino acid sequence encoded by the cDNA clone contained in ATCC Deposit No. 97666; and
- (f) the complement of (a), (b), (c), (d), or (e).

~~21~~². (Previously Presented) The isolated nucleic acid molecule of claim ~~20~~¹, wherein said polynucleotide is (a).

~~22~~³. (Previously Presented) The isolated nucleic acid molecule of claim ~~21~~², which comprises nucleotides 303 to 1370 of SEQ ID NO:1.

~~23~~⁴. (Previously Presented) The isolated nucleic acid molecule of claim ~~20~~¹, wherein said polynucleotide is (b).

~~24~~⁵. (Previously Presented) The isolated nucleic acid molecule of claim ~~23~~⁴, which comprises nucleotides 306 to 1370 of SEQ ID NO:1.

~~25~~⁶. (Previously Presented) The isolated nucleic acid molecule of claim ~~20~~¹, wherein said polynucleotide is (c).

⁷
~~26.~~ (Previously Presented) The isolated nucleic acid molecule of claim ~~23~~⁶, which comprises nucleotides 354 to 1370 of SEQ ID NO:1.

⁸
~~27.~~ (Previously Presented) The isolated nucleic acid molecule of claim ~~26~~¹, wherein said polynucleotide is (d).

⁹
~~28.~~ (Previously Presented) The isolated nucleic acid molecule of claim ~~26~~¹, wherein said polynucleotide is (e).

¹⁰
~~29.~~ (Previously Presented) The isolated nucleic acid molecule of claim ~~26~~¹, wherein said polynucleotide is (f).

30-37. (Canceled)

¹¹
~~38.~~ (Previously Presented) The isolated nucleic acid molecule of claim ~~26~~¹, wherein said polynucleotide is DNA.

¹²
~~39.~~ (Previously Presented) The isolated nucleic acid molecule of claim ~~26~~¹, wherein said polynucleotide is RNA.

40-48. (Canceled)

¹³
~~49.~~ (Previously Presented) An isolated nucleic acid molecule consisting of a polynucleotide selected from the group consisting of:

- (a) a polynucleotide encoding amino acids -17 to 339 of SEQ ID NO:2;
- (b) a polynucleotide encoding amino acids -16 to 339 of SEQ ID NO:2;
- (c) a polynucleotide encoding amino acids 1 to 339 of SEQ ID NO:2;
- (d) a polynucleotide encoding the IL-1R AcM polypeptide having the complete amino acid sequence encoded by the cDNA clone contained in ATCC Deposit No. 97666;

(e) a polynucleotide encoding the mature IL-1R AcM polypeptide having the amino acid sequence encoded by the cDNA clone contained in ATCC Deposit No. 97666; and

(f) the complement of (a), (b), (c), (d), or (e).

~~50.~~¹⁴ (Previously Presented) The isolated nucleic acid molecule of claim ~~49~~¹³, wherein said polynucleotide is (a).

~~51.~~¹⁵ (Previously Presented) The isolated nucleic acid molecule of claim ~~50~~¹⁴, which comprises nucleotides 303 to 1370 of SEQ ID NO:1.

~~52.~~¹⁶ (Previously Presented) The isolated nucleic acid molecule of claim ~~49~~¹³, wherein said polynucleotide is (b).

~~53.~~¹⁷ (Previously Presented) The isolated nucleic acid molecule of claim ~~52~~¹⁶, which comprises nucleotides 306 to 1370 of SEQ ID NO:1.

~~54.~~¹⁸ (Previously Presented) The isolated nucleic acid molecule of claim ~~49~~¹³, wherein said polynucleotide is (c).

~~55.~~¹⁹ (Previously Presented) The isolated nucleic acid molecule of claim ~~54~~¹⁸, which comprises nucleotides 354 to 1370 of SEQ ID NO:1.

~~56.~~²⁰ (Previously Presented) The isolated nucleic acid molecule of claim ~~49~~¹³, wherein said polynucleotide is (d).

~~57.~~²¹ (Previously Presented) The isolated nucleic acid molecule of claim ~~49~~¹³, wherein said polynucleotide is (e).

~~58.~~²² (Previously Presented) The isolated nucleic acid molecule of claim ~~49~~¹³, wherein said polynucleotide is (f).

~~60.~~²³ (Previously Presented) The isolated nucleic acid molecule of claim ~~49~~¹³, wherein said polynucleotide is DNA.

~~61.~~²⁴ (Previously Presented) The isolated nucleic acid molecule of claim ~~49~~¹³, wherein said polynucleotide is RNA.

~~62.~~²⁵ (Previously Presented) The polynucleotide of claim ~~20~~¹, wherein said polynucleotide is fused to a heterologous polynucleotide.

~~63.~~²⁶ (Previously Presented) The polynucleotide of claim ~~62~~²⁵, wherein said heterologous polynucleotide encodes a heterologous polypeptide.

~~64.~~²⁷ (Previously Presented) The polynucleotide of claim ~~49~~¹³, wherein said polynucleotide is fused to a heterologous polynucleotide.

~~65.~~²⁸ (Previously Presented) The polynucleotide of claim ~~64~~²⁷, wherein said heterologous polynucleotide encodes a heterologous polypeptide.

~~66.~~²⁹ (Previously Presented) A vector comprising the isolated polynucleotide of claim ~~20~~¹.

~~67.~~³⁰ (Previously Presented) The vector of claim ~~66~~²⁹, which is a plasmid.

~~68.~~³¹ (Previously Presented) The vector of claim ~~66~~²⁹, which is a baculovirus.

~~69.~~³² (Previously Presented) A host cell comprising the isolated polynucleotide of claim ~~20~~¹ operatively associated with a heterologous regulatory sequence.

~~70.~~³³ (Previously Presented) The host cell of claim ~~69~~³², which is E. coli.

~~71.~~³⁴ (Previously Presented) The host cell of claim ~~69~~³², which is a COS cell.

~~72.~~³⁵ (Previously Presented) The host cell of claim ~~69~~³², which is a CHO cell.

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73. (Previously Presented) A method of producing a protein that comprises culturing the recombinant host cell of claim ~~69~~³² under conditions such that said protein is expressed, and recovering said protein.